

**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
WilsonA452DST1

Company Vess Oil Corporation Lease & Well No. Wilson "A" No. 452  
Elevation 1405 KB Formation Arbuckle Effective Pay      Ft. Ticket No. RR024  
Date 4-14-14 Sec. 7 Twp. 25S Range 5E County Butler State Kansas  
Test Approved By Roger L. Martin Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 2,393 ft. to 2,455 ft. Total Depth 2,455 ft.  
Packer Depth 2,388 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 2,393 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 2,373 ft. Recorder Number 5951 Cap. 5,000 psi.  
Bottom Recorder Depth (Outside) 2,426 ft. Recorder Number 5584 Cap. 5,000 psi.  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi.

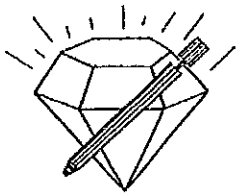
Drilling Contractor C & G Drilling Company - Rig 1 Drill Collar Length 177 ft I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 50 Weight Pipe Length      ft I.D.      in.  
Weight 9.4 Water Loss 7.8 cc. Drill Pipe Length 2,183 ft I.D. 3 in.  
Chlorides 900 P.P.M. Test Tool Length 33 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number 5 Anchor Length 34' perf. w/ 28' drill pipe Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out Yes Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4-FH in.

Blow: 1st Open: Weak, 1/2 in. blow increasing. Off bottom of bucket in 1 1/2 mins. No blow back during shut-in.  
2nd Open: Weak, 1/2 in. blow increasing. Off bottom of bucket in 1 1/2 mins. No blow back during shut-in.

Recovered 620 ft. of oil = 6.720800 bbls. (Grind out: 100%-oil) Gravity: 39 @ 60°  
Recovered 1,147 ft. of slightly gas, water & mud cut oil (circulated to truck) = 11.385640 bbls. (Grind out: 10%-gas; 60%-oil; 10%-water; 20%-mud)  
Recovered 1,767 ft. of TOTAL FLUID = 18.106440 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of     

Remarks Tool Sample Grind Out: 10%-gas; 50%-oil; 15%-water; 25%-mud

Time Set Packer(s) 2:47 P.M. Time Started off Bottom 5:47 P.M. Maximum Temperature 109°  
Initial Hydrostatic Pressure.....(A) 1190 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 98 P.S.I. to (C) 431 P.S.I.  
Initial Closed In Period.....Minutes 45 (D) 880 P.S.I.  
Final Flow Period.....Minutes 45 (E) 435 P.S.I. to (F) 700 P.S.I.  
Final Closed In Period.....Minutes 60 (G) 881 P.S.I.  
Final Hydrostatic Pressure.....(H) 1160 P.S.I.



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 Final Hydrostatic Pressure.....(H) 1160 P.S.I.



# Diamond Testing General Report

**JAKE  
FAHRENBRUCH - TESTER**  
Cell: (620) 282-8977

P.O. Box 157  
Hoisington KS 67544  
Office: (800) 542-7313

## General Information

|               |               |                  |                               |
|---------------|---------------|------------------|-------------------------------|
| Company Name  | Vess Oil Corp | Well Name        | Wilson A 452                  |
| Well Operator | Vess Oil Corp | Unique Well ID   | Dst 1 ( 2393-2455 ) Arbuckle  |
| Contact       | Casey Coats   | Surface Location | Sec: 7-25s-5e (Butler County) |
| Site Contact  | Roger Martin  | Test Unit        | 5                             |
| Field         | El Dorado     | Pool             | Infield                       |
| Well Type     | Vertical      | Job Number       | RR024                         |
| Prepared By   | Ricky Ray     | Qualified By     | Roger Martin                  |

## Test Information

|                 |                              |                 |              |
|-----------------|------------------------------|-----------------|--------------|
| Test Type       | Drill Stem Test              | Test Purpose    | Initial Test |
| Formation       | Dst 1 ( 2393-2455 ) Arbuckle | Gauge Name      | 5951         |
| Start Test Date | 2014/04/14                   | Start Test Time | 11:57:00     |
| Final Test Date | 2014/04/14                   | Final Test Time | 21:54:00     |

## Test Results

### Recovery:

620" O 100% O  
1147" SLWMCO 10% G 60% O 10% W 20% M Reversed into Truck  
1767" Total Fluid

39 Gravity @ 60 Deg

Tool Sample: 10% G 50%O 15%W 25%M

Vess Oil Corp  
Dst 1 ( 2393-2455 ) Arbuckle  
Start Test Date: 2014/04/14  
Final Test Date: 2014/04/14

Wilson A 452  
Formation: Dst 1 ( 2393-2455 ) Arbuckle  
Pool: Infield  
Job Number: RR024

# Wilson A 452

